

Listing of Claims:

50. (Currently Amended) A non-toxic, purified peptide consisting essentially of consecutive amino acids having an amino acid sequence set forth in $X_{25}X_{26}YGGX_1TX_2X_3X_4X_5N$ (SEQ ID NO:28) wherein X_1 is I or V; X_2 is L, E, K, P, or N; X_3 is H, A, or no amino acid; X_4 is D, N, E, Q, or H; X_5 is N, G, S, or R; X_{25} is C, Y, or no amino acid; and X_{26} is M, T, L, I, or no amino acid.

~~selected from the group consisting of~~

~~CMYGGVTLHDCN (SEQUENCE ID NO: 32),~~
~~CMYGGVTLHNCN (SEQUENCE ID NO: 33),~~
~~CMYGGVTLHECN (SEQUENCE ID NO: 34),~~
~~CMYGGVTLHQCN (SEQUENCE ID NO: 35),~~
~~CMYGGVTLHHCN (SEQUENCE ID NO: 36),~~
~~CMYGGVTEHDCN (SEQUENCE ID NO: 37),~~
~~CMYGGVTEHNCN (SEQUENCE ID NO: 38),~~
~~CMYGGVTEHQCN (SEQUENCE ID NO: 39),~~
~~CMYGGVTEHHCN (SEQUENCE ID NO: 40),~~
~~CMYGGVTKHDCN (SEQUENCE ID NO: 41),~~
~~CMYGGVTKHNCN (SEQUENCE ID NO: 42),~~
~~CMYGGVTKHECN (SEQUENCE ID NO: 43),~~
~~CMYGGVTKHQCN (SEQUENCE ID NO: 44),~~
~~CMYGGVTKHHCN (SEQUENCE ID NO: 45),~~
~~CMYGGVTPHDCN (SEQUENCE ID NO: 46),~~
~~CMYGGVTPHNCN (SEQUENCE ID NO: 47),~~
~~CMYGGVTPHECN (SEQUENCE ID NO: 48),~~
~~CMYGGVTPHQCN (SEQUENCE ID NO: 49),~~
~~CMYGGVTPHHCN (SEQUENCE ID NO: 50),~~
~~CMYGGVTNHDGN (SEQUENCE ID NO: 51),~~
~~CMYGGVTNHNCN (SEQUENCE ID NO: 52),~~
~~CMYGGVTNHECN (SEQUENCE ID NO: 53),~~
~~CMYGGVTNHQCN (SEQUENCE ID NO: 54),~~

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~~CMYGCVTNHHGN (SEQUENCE ID NO: 55),~~
~~CMYGCITLHDCN (SEQUENCE ID NO: 56),~~
~~CMYGCITLHNGN (SEQUENCE ID NO: 57),~~
~~CMYGCITLHEGN (SEQUENCE ID NO: 58),~~
~~CMYGCITLHQGN (SEQUENCE ID NO: 59),~~
~~CMYGCITLHHGN (SEQUENCE ID NO: 60),~~
~~CMYGCITEHDCN (SEQUENCE ID NO: 61),~~
~~CMYGCITEHNGN (SEQUENCE ID NO: 62),~~
~~CMYGCITEHEGN (SEQUENCE ID NO: 63),~~
~~CMYGCITEHQGN (SEQUENCE ID NO: 64),~~
~~CMYGCITEHHGN (SEQUENCE ID NO: 65),~~
~~CMYGCITKHDCN (SEQUENCE ID NO: 66),~~
~~CMYGCITKHNGN (SEQUENCE ID NO: 67),~~
~~CMYGCITKHEGN (SEQUENCE ID NO: 68),~~
~~CMYGCITKHGCGN (SEQUENCE ID NO: 69),~~
~~CMYGCITKHHGN (SEQUENCE ID NO: 70),~~
~~CMYGCITPHDCN (SEQUENCE ID NO: 71),~~
~~CMYGCITPHNGN (SEQUENCE ID NO: 72),~~
~~CMYGCITPHEGN (SEQUENCE ID NO: 73),~~
~~CMYGCITPHQGN (SEQUENCE ID NO: 74),~~
~~CMYGCITPHHGN (SEQUENCE ID NO: 75),~~
~~CMYGCITNHDCN (SEQUENCE ID NO: 76),~~
~~CMYGCITNHHGN (SEQUENCE ID NO: 77),~~
~~CMYGCITNHEGN (SEQUENCE ID NO: 78),~~
~~CMYGCITNHQGN (SEQUENCE ID NO: 79), and~~

~~CMYGCITNHHGN (SEQUENCE ID NO: 80), with the proviso that the peptide is not Staphylococcal enterotoxin B (SEB) or Staphylococcal enterotoxin C (SEC) or other native toxin.~~

51-55. (Canceled)

56. (New) The peptide of claim 1, wherein X₁ is V.

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57. (New) The peptide of claim 1, wherein X_2 is L.
58. (New) The peptide of claim 1, wherein X_3 is H.
59. (New) The peptide of claim 1, wherein X_4 is E.
60. (New) The peptide of claim 1, wherein X_5 is G.
61. (New) The peptide of claim 1, wherein X_{25} is C.
62. (New) The peptide of claim 1, wherein X_{26} is M.
63. (New) The peptide of claim 1, wherein , wherein X_1 is V, X_2 is L, X_3 is H, X_4 is E, X_5 is G, X_{25} is C, and X_{26} is M.